

Response to Chromium Contamination



San Fernando Valley Chromium Workshop

March 10, 2008

Source Investigations & Cleanups

EPA has assisted RWQCB by:

- | | |
|------|---|
| 1989 | Began monitoring for chromium in area groundwater |
| 1998 | Began funding a four-year RWQCB chromium source investigation |
| 1999 | Began quarterly monitoring for hexavalent chromium |
| 2003 | Began funding a place-based contractor at RWQCB to assist with chromium source investigations |



Source Investigations & Cleanups

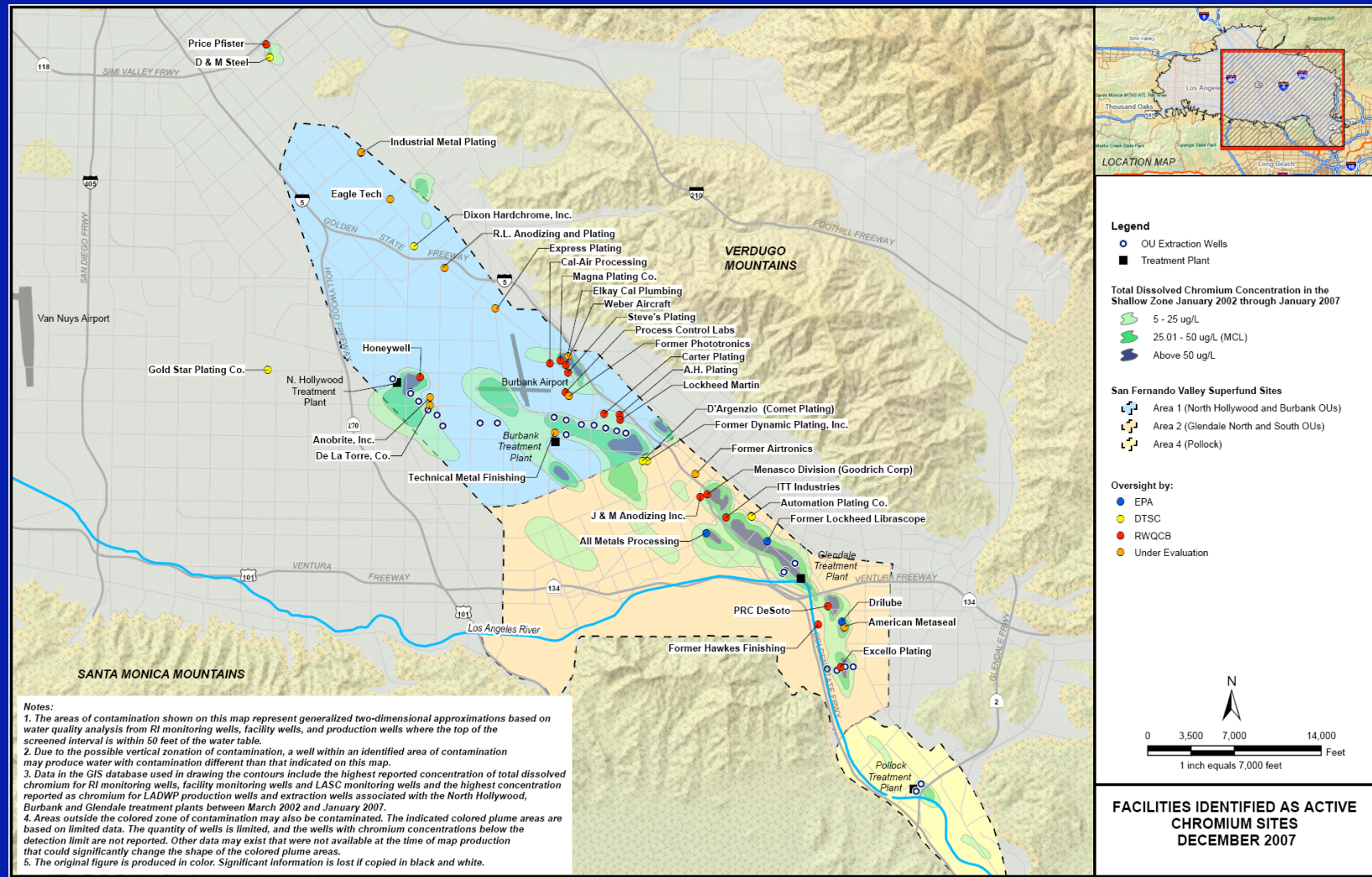
- RWQCB has lead for 16 sites
- DTSC has lead for 6 sites
- EPA has lead for 3 sites
 - All Metals, Drilube, & Librascope



Source Investigations & Cleanups

Facility Name	Category (1 to 4) and Site Status	CAO	Operable Unit	Date of Last Action Taken	Last Action Completed/Status	Next Action Required	Anticipated Completion Date of Next Action
Sites Managed by US EPA (Total = 3)							
All Metals Plating	4	Removal action completed.	N	Glendale South	Dec-07	EPA demolished building and excavated 3 feet of soil below ground surface (bgs). Deeper soil excavations to 15 - 20 feet bgs in areas of concern. Site was backfilled, capped, and fenced in December.	Evaluate groundwater data TBD
Drilube Company	3	Soil and groundwater characterization. Additional characterization required.	Y	Glendale South	Dec-07	EPA commented on Drilube (Wilson) investigation workplan in September and conducted October call with PRP consultant. Draft administrative order on consent (AOC) sent in November. Revised workplan and AOC comments overdue. Drilube (Broadway) PRP attorney stated willingness to comply in November and selection of consultant in December.	PRP calls in December on Drilube (Wilson) workplan and AOC and on Drilube (Broadway) investigation workplan. Draft AOC to Avaneessians (Broadway) in February. Dec-07
Former Lockheed Librascope	1	Limited soil investigation data.	N	Glendale South	Dec-07	EPA commented on investigation workplan in October and received revision in late November.	Investigation workplan approval or further revision in December. If approved, work will commence in January. Draft AOC to PRP in January Dec-07
Sites Managed by RWQCB (Total = 16)							
A.H. Plating	2	Soil characterization only. No monitoring wells.	N	Burbank	Oct-07	RWQCB to issue case closure with a Deed Restriction covenant that prevents development of the site for residential or educational use unless soil remediation occurs.	PRP contacted in September and October to determine progress on deed restriction. Awaiting deed restriction form. Feb-08
Cal-Air Processing	1	No soil investigation data.	N	Burbank	Sep-07	Based upon a site inspection RWQCB determined site has no further requirements. RWQCB issued case closure in mid-September.	None. N/A
Carter Plating	2	Soil characterization No monitoring wells.	N	Burbank	Oct-07	RWQCB to issue case closure with a Deed Restriction covenant that prevents development of the site for residential or educational use unless soil remediation occurs.	PRP contacted in September and October to determine progress on deed restriction. Awaiting deed restriction form. Feb-08

Source Investigations & Cleanups



Removal Action at All Metals

- Former plating facility in Burbank
- Hexavalent chromium, cadmium, and cyanide contamination
- EPA removed the drums and chemicals and demolished the contaminated building
- Soil excavated to at least 3 feet (up to 20 feet in highly contaminated areas)
- Backfilled with clean soil and asphalt cap and fence installed
- Materials removed include:
 - 91 vats
 - 157 drums
 - 107 containers
 - subterranean clarifier
- Hazardous materials removed include acids, bases, oxidizers, heavy metals, combustibles, and cyanides.
- Removal completed on December 5, 2007



Former Drilube Site

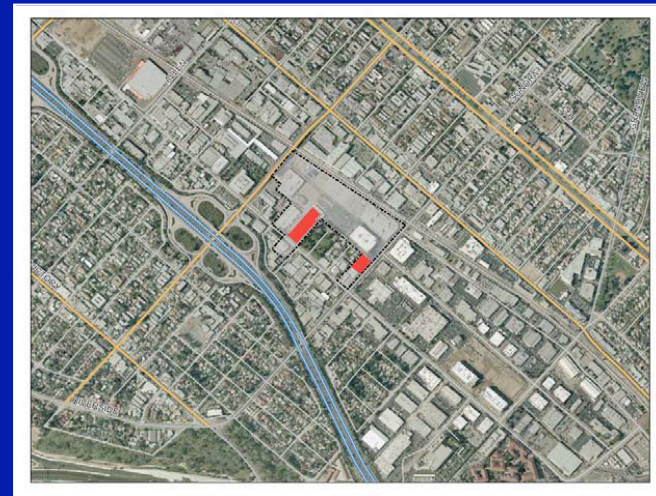
- Drilube Wilson property
 - EPA will issue an order for a soil and groundwater investigation
 - EPA will perfect a lien to ensure that potentially responsible party (PRP) pays
- Drilube Broadway property
 - Investigation workplan received in late February & under review
 - Draft consent order sent to PRP



Former Librascope Site

- Librascope
 - Investigation workplan approved
 - Draft consent order sent to responsible party
 - Expect investigation work to start and order signed in April

Librascope Buildings 1 & 18



Glendale Chromium OU activities

- Chromium Operable Unit established to focus on Glendale groundwater chromium investigation
- Notice and information request letters sent in November 2007
 - Responses from Cr6 PRPs received in February
 - Follow up letters will be sent in March

Glendale Groundwater Cleanup

- Cr6 Treatment for Glendale System
 - Glendale plans to build 2 Cr6 demonstration treatment plants. (June & December 2008)
 - EPA provided > \$800 K of this \$3.5 M project.
 - EPA will support the City's Prop. 50 funding application.
 - PRPs have agreed to provide supplemental funding.



SFV Chromium Workshop

- Questions?
- Observations?
- Recommendations?

please contact:

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